

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB2004/004684

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A01K97/06

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A01K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>US 4 796 380 A (BEESE ET AL) 10 January 1989 (1989-01-10)</p> <p>column 2, lines 22-45 column 3, lines 3-12 abstract; figures 1-3</p> <p>----- -/--</p>	<p>1,4,6,7, 13,16, 18-22, 26,53,54</p>

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

12 July 2005

Date of mailing of the international search report

12 Aug. 2005

Name and mailing address of the ISA

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# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/GB2004/004684

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>US 6 209 255 B1 (MARKOWITZ PAUL) 3 April 2001 (2001-04-03)</p> <p>column 2, lines 12-25 column 2, line 60 - column 3, line 11 column 3, lines 38-42,61-63 column 4, lines 7-11,18-23 figures 1,4,7-9</p>	<p>1-3,16, 26, 31-35, 37,39, 40, 45-48, 53,54</p>
X	<p>US 2 220 817 A (HOLMES CLYDE E) 5 November 1940 (1940-11-05)</p> <p>page 1, right-hand column, lines 33-40 page 2, left-hand column, lines 22-44 figures 1-3</p>	<p>1-3,16, 25,26, 31-35, 37-43</p>
X	<p>US 2 831 289 A (KLINGHOFFER MAX) 22 April 1958 (1958-04-22) column 1, lines 65-71 column 2, lines 38-60 figures 3-5</p>	<p>1,2,4,6, 16-22,26</p>
X	<p>US 2 447 105 A (VOGEL LOUIS W) 17 August 1948 (1948-08-17) column 2, lines 20-54 figures 2,3</p>	<p>1-3,31, 34,37,39</p>
X	<p>WO 95/24122 A (BJOERSHOL, KOLBJOERN) 14 September 1995 (1995-09-14)</p> <p>page 4, lines 4-16 page 6, lines 2-11 figure 2</p>	<p>1-3,6,7, 16, 18-22,26</p>

## INTERNATIONAL SEARCH REPORT

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### Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☒ Claims Nos.: 55  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:  
see FURTHER INFORMATION sheet PCT/ISA/210
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

### Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box II.2

Claims Nos.: 55

Claim 55 is unclear (Article 6 PCT) because it relies on references to the drawings and the description in respect of the technical features of the invention (see Rule 6.2(a) PCT).

The applicant's attention is drawn to the fact that claims relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure. If the application proceeds into the regional phase before the EPO, the applicant is reminded that a search may be carried out during examination before the EPO (see EPO Guideline C-VI, 8.5), should the problems which led to the Article 17(2) declaration be overcome.

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 4796380	A	10-01-1989	NONE	
US 6209255	B1	03-04-2001	AU 4713401 A WO 0156377 A1 AU 6442298 A	14-08-2001 09-08-2001 18-09-1998
US 2220817	A	05-11-1940	NONE	
US 2831289	A	22-04-1958	NONE	
US 2447105	A	17-08-1948	NONE	
WO 9524122	A	14-09-1995	BR 9408560 A WO 9524122 A1 AU 676569 B2 AU 6761994 A CA 2185109 A1 DE 69413260 D1 DK 755183 T3 EP 0755183 A1 ES 2123788 T3 JP 9512162 T JP 3488241 B2 RU 2118086 C1 US 5862620 A	05-08-1997 14-09-1995 13-03-1997 25-09-1995 14-09-1995 15-10-1998 07-06-1999 29-01-1997 16-01-1999 09-12-1997 19-01-2004 27-08-1998 26-01-1999